

three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot

FIXTURE SCHEDULE								
ITEM	FIXTURE	ROUGH-IN CONNECTIONS						DESCRIPTION
		TRAP	WASTE	VENT	HOT WATER	COLD WATER	GAS	
S-1	SINK (ACCESSIBLE, CW & HW)	1-1/4"	2"	1-1/2"	1/2"	1/2"	--	KOHLER NO. K-2006, "KINGSTON", 20"x18" WALL HUNG GRID STRAINER W/ TAILPIECE 1-1/4", TUBULAR P-TRAP 1-1/4" X 1-1/2", COMPLETE WITH CHICAGO NO. 786-E3ABCP FAUCET, CHICAGO NO. 1017-ABCP LOOSE KEY STOP WITH RIGID SUPPLY, MOUNT AT ADA ACCESSIBLE HEIGHT.
S-2	UTILITY SINK (CW & HW)	3"	3"	1-1/2"	1/2"	1/2"	--	ELKAY NO. ESS82520C, COMPLETE WITH CHICAGO NO. 445-ABCP SPOUT WITH 1.5 GPM LAMINAR FLOW INSERT, MCGUIRE NO. 152 1-1/2" OUTLET "WIDE TOP SINK STRAINER", WITH TRAP.

SHEET TITLE INDEX	
SHEET NUMBER	SHEET TITLE
PE-001	PLUMBING SCHEDULES AND NOTES
PE-102	PLUMBING REMODEL FLOOR PLAN

- ### GENERAL NOTES
- BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS, ELEVATIONS AND CHARACTERISTICS OF ALL UTILITIES AND PIPING, AND SHALL IMMEDIATELY NOTIFY THE OWNER OF ANY DISCREPANCIES.
 - ALL VALVES, UNIONS, ETC. TO BE SAME SIZE AS PIPE UNLESS OTHERWISE INDICATED ON DRAWINGS.
 - CONNECTION BETWEEN INCOMPATIBLE MATERIALS ABOVE GRADE AND INSIDE BUILDING SHALL BE MADE WITH TWO (2) DIELECTRIC UNIONS SEPARATED BY A TWELVE INCH (12") SECTION OF RED BRASS PIPE.
 - ALL PLUMBING WORK SHALL BE INSTALLED SO AS TO AVOID INTERFERENCE WITH EXISTING ELECTRICAL AND EXISTING MECHANICAL EQUIPMENT AND STRUCTURAL FRAMING. IN ADDITION, AVOID INTERFERENCE WITH NEW MECHANICAL AND ELECTRICAL SYSTEMS.
 - ALL WORK AND MATERIAL SHALL BE PERFORMED AND INSTALLED IN COMPLIANCE WITH CALIFORNIA PLUMBING CODE 2010.
 - ALL EQUIPMENT SHALL BE LATERALLY SUPPORTED IN ALL DIRECTIONS TO RESIST A MIN. OF 20% OF THE EQUIPMENT'S OPERATING WEIGHT.
 - TRAPS FOR ALL LAVATORIES AND SINKS SHALL TRAP STRAIGHT BACK TO WALL WITH ALL REQUIRED OFFSETS HAPPENING WITHIN THE WALL.
 - ALL INDIRECT WASTE PIPING SHALL BE SLOPED TO AND TERMINATE AT AN APPROVED RECEPTOR OR CONNECTION.
 - ALL HOT WATER PIPING INSULATION SHALL BE IN ACCORDANCE WITH SECTION 2-5311, TABLE 2-53E OF THE TITLE 24 REGULATIONS.
 - ALL PLUMBING FIXTURES AND EQUIPMENT SHALL BE CERTIFIED BY THE CALIFORNIA STATE ENERGY COMMISSION TO COMPLY WITH EFFICIENCY STANDARDS PER SECTION 2-5314(A) OF THE TITLE-24 REGULATIONS.
 - ALL CONNECTIONS TO EXISTING SERVICES SHALL BE MADE SUCH THAT INTERRUPTION TIME WILL BE AS SHORT AS POSSIBLE. THE CONTRACTOR SHALL GIVE THE OWNER'S REPRESENTATIVE SUFFICIENT NOTICE OF SUCH INTERRUPTION AND THE ACTUAL SHUT DOWN TIME SHALL BE AT A TIME DESIGNATED BY THE OWNER'S REPRESENTATIVE.
 - ALL EXISTING PIPING AND EQUIPMENT THAT IS REMOVED SHALL BE DISPOSED OF AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
 - ALL WORK AND MATERIAL SHALL BE PERFORMED AND INSTALLED IN COMPLIANCE WITH THE FOLLOWING CODES AS ADOPTED AND AMENDED BY THE INSPECTING AUTHORITY. NOTHING IN THESE DRAWINGS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES OR OTHERS APPLICABLE TO THIS PROJECT:
 - CALIFORNIA PLUMBING CODE
 - CALIFORNIA BUILDING CODE
 - CALIFORNIA MECHANICAL CODE
 - NATIONAL ELECTRICAL CODE
 - CALIFORNIA CODE OF REGULATIONS
 - TITLE 24
 - ALL PLUMBING WORK SHALL COMPLY WITH T24 PART 5 CPC-2010
 - ALL BRACING OF PIPING SHALL BE INSTALLED IN ACCORDANCE WITH SMACNA GUIDELINES AS APPROVED BY OSHPD.
 - CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS SET FORTH IN THE UNITED STATES DEPARTMENT OF VETERAN AFFAIRS TIL MASTER CONSTRUCTION SPECIFICATIONS. CONTRACTOR SHALL VISIT THE VA WEBSITE AND DOWNLOAD ALL APPLICABLE SPECIFICATION SECTIONS PRIOR TO BID. WHERE CONFLICT OCCUR BETWEEN THESE DRAWINGS AND THE DOWNLOADED MASTER SPECIFICATIONS, THE MOST STRINGENT REQUIREMENTS SHALL APPLY. (TYPICAL ALL SHEETS)

- ### MATERIALS
- SANITARY SOIL WASTE AND VENT SYSTEMS ABV GRADE: PIPING WITHIN THE BUILDING ITSELF AND OUTSIDE WITHIN FIVE FEET (5') OF THE FOUNDATION, SHALL BE NO-HUB CAST IRON SERVICE WEIGHT PIPE AND FITTINGS, ASPHALTUM COATED, FREE FROM DEFECTS, AND SHALL COMPLY WITH C.I.S.P.I. STANDARD 301. FITTINGS SHALL BE MADE UP WITH STANDARD STAINLESS STEEL NO-HUB COUPLINGS AND SHALL COMPLY WITH C.I.S.P.I. STANDARD 310.
 - WATER PIPING WITHIN THE BUILDING AND ABOVE GRADE SHALL BE TYPE "M" ASTM B88, HARD DRAWN COPPER TUBING WITH WROUGHT COPPER SWEAT FITTINGS ANSI B16.22 WITH 95-5 SILVER SOLDIER.
 - INDIRECT AND CONDENSATE DRAINS SHALL BE TYPE "M" ASTM B88, HARD DRAWN COPPER TUBING WITH WROUGHT COPPER SWEAT FITTINGS ANSI B16.22 WITH 95-5 SILVER SOLDIER.
 - INSULATION: ALL HOT WATER PIPING SHALL BE INSULATED WITH "PPG" INDUSTRIES, CERTAIN-TEED SAINT GOBAIN SNAP-ON OR JOHNS-MANVILLE MICRO-LOC AIR, AIR CONDITIONING CONDENSATE DRAIN PIPING SHALL BE INSULATED WITH "IMCOA" IMCOLOCK CLOSED-CELL PIPE INSULATION.
 - VALVES: GATE VALVES 1-1/2" AND SMALLER SHALL BE NIBCO NO. T-113-LF, GATE VALVES 2" TO 3" SHALL BE NIBCO NO. F-607-RW OS&Y, BALL VALVES 2" AND SMALLER SHALL BE NIBCO NO. T-685-66-LF.
 - BEFORE ANY USE OF SYSTEM IS MADE FOR DOMESTIC PURPOSES, IT SHALL BE STERILIZED BY SLOWLY FILLING WITH WATER TO WHICH A STERILIZING AGENT HAS BEEN APPLIED, AT A RATE GIVING 50 PPM OF CHLORINE, AS DETERMINED BY RESIDUAL CHLORINE TEST AT EXTREMITIES OF THE LINE. AFTER LINES HAVE BEEN FILLED FOR A PERIOD OF THREE (3) HOURS, TESTS FOR RESIDUAL CHLORINE SHALL SHOW NOT LESS THAN 50 PPM. IF LESS THAN 50 PPM IS INDICATED, DRAIN OR FLUSH OUT THE LINE AND REPEAT STERILIZATION TREATMENT UNTIL TESTS INDICATE AT LEAST 50 PPM OF RESIDUAL CHLORINE AFTER THREE (3) HOURS. THE LINES SHALL BE FLUSHED UNTIL ALL TRACES OF CHEMICAL HAVE BEEN REMOVED.
 - ALL HW, CW, AND INDIRECT WASTE PIPING SHALL BE LABELED WITH ADHESIVE DECALS CLEARLY IDENTIFY EACH SYSTEM.

LEGEND		
SYMBOL	ABBREVIATION	DESCRIPTION
	S OR W	SOIL OR WASTE BELOW FLOOR OR GRADE
	V	SANITARY VENT
	S OR W	EXISTING TO REMAIN SOIL OR WASTE BELOW FLOOR OR GRADE
	CW	COLD WATER
	HW	HOT WATER
	CD	CONDENSATE DRAIN
	OCD	OVERFLOW CONDENSATE DRAIN
	SOV	SHUT-OFF VALVE
	ECW	EXISTING COLD WATER
	EHW	EXISTING HOT WATER
		RISER UP
		RISER DOWN
	ABV	ABOVE
	BEL	BELOW
	CLG	CEILING
	DN	DOWN
	POC	POINT OF CONNECTION
	VTR	VENT THRU ROOF

Number	Revisions	Date	CONTRACTOR:	ARCHITECT/ENGINEERS:	Drawing Title	Project Title	Project Number	Office of Construction and Facilities Management Department of Veterans Affairs
					PLUMBING SCHEDULES AND NOTES	BN REMODEL - LOGISTICS SWING SPACE VA SAN DIEGO, BUILDING 1	664-13-304	
					Approved Project Director	Location SAN DIEGO, CA	Building Number 1	
						Date 12.15.2013	Drawing Number PE-001 Dwg. 1 of 2	

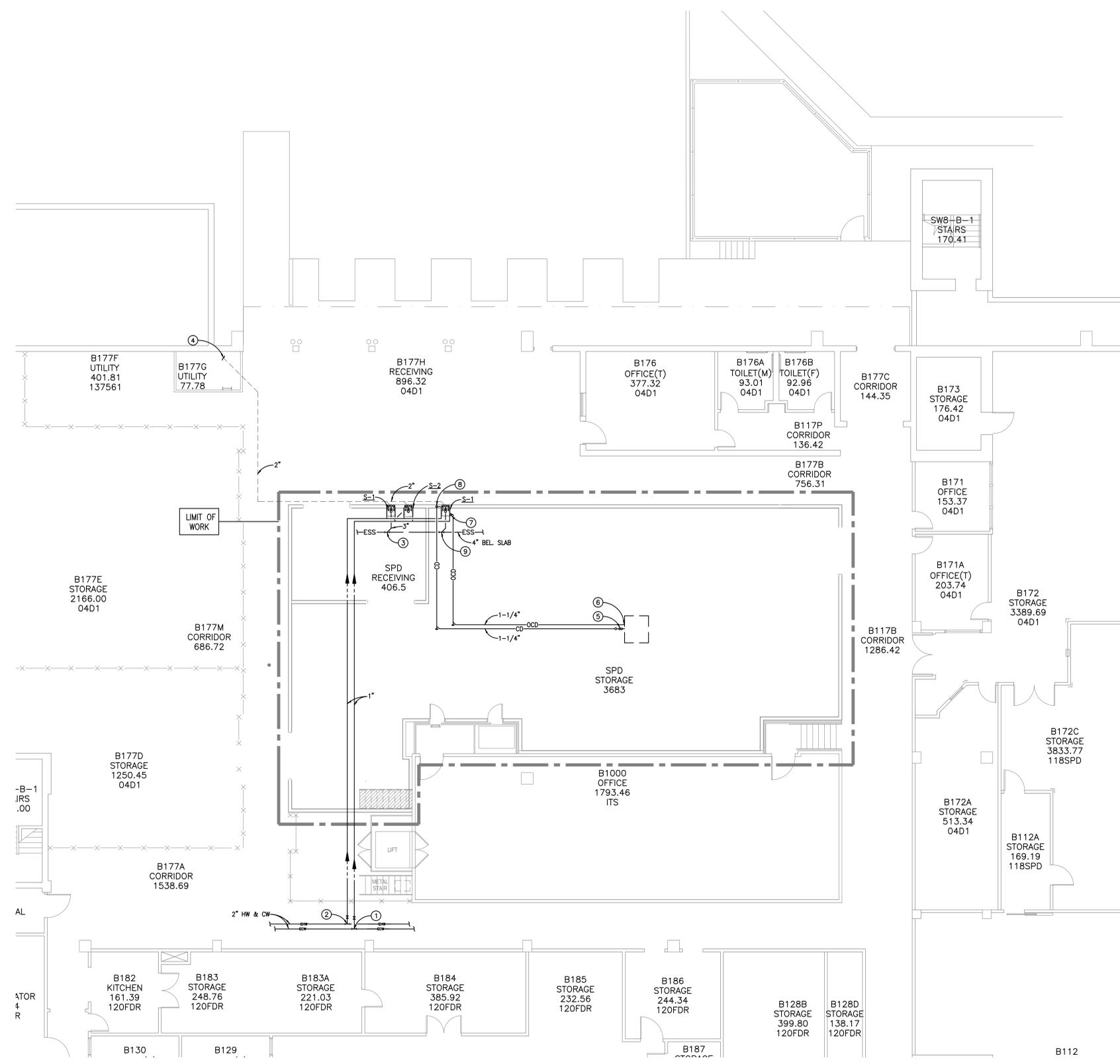
three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot

GENERAL NOTES

- ALL CONDENSATE DRAIN PIPING ABOVE CEILING SHALL SLOPE AT 1% UNLESS OTHERWISE NOTED.
- BEFORE COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATIONS, ELEVATIONS AND CHARACTERISTICS OF ALL UTILITIES AND PIPING BY PHYSICAL EXCAVATION, AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND POINTS OF CONNECTION PRIOR TO BIDDING PROJECT.
- WHERE PLANS INDICATE NEW FIXTURES OR EQUIPMENT CONNECTING TO EXISTING SERVICES, PLUMBING CONTRACTOR SHALL MODIFY AND/OR EXTEND EXISTING PIPING OR ROUGH-INS AS REQUIRED TO SUIT THE NEW FIXTURE.

SHEET KEYNOTES

- P.O.C. NEW 1" CW TO EXISTING 2" CW OVERHEAD. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION AND PROVIDE NECESSARY SHUT-OFF VALVES TO MAKE TIE-IN TO EXISTING SYSTEM.
- P.O.C. NEW 1" HW TO EXISTING 2" HW OVERHEAD. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION AND PROVIDE NECESSARY SHUT-OFF VALVES TO MAKE TIE-IN TO EXISTING SYSTEM.
- P.O.C. NEW 3" SEWER LINE TO EXISTING SEWER LINE BELOW SLAB. FIELD VERIFY EXACT LOCATION PRIOR TO INSTALLATION OF ANY PIPING.
- P.O.C. NEW 2" VENT PIPING TO EXISTING VENT LINE BELOW OVERHEAD. FIELD VERIFY EXACT LOCATION PRIOR TO INSTALLATION OF ANY PIPING. PROVIDE NECESSARY PIPING AND TRANSITIONS TO ENSURE PROPER CONNECTION TO EXISTING SYSTEM.
- PROVIDE 1-1/4" PRIMARY CD CONNECTION WITH TRAP, FROM HVAC EQUIPMENT. REFER TO MECHANICAL PLANS FOR EXACT LOCATION OF UNIT AND FOR ADDITIONAL INFORMATION.
- PROVIDE 1-1/4" SECONDARY CD CONNECTION, FROM HVAC EQUIPMENT. REFER TO MECHANICAL PLANS FOR EXACT LOCATION OF UNIT AND FOR ADDITIONAL INFORMATION.
- DISCHARGE 1-1/4" SECONDARY CD PIPING THROUGH CEILING TO SPILL OVER SINK. PROVIDE CHROME ESCUTCHEON AT CEILING PENETRATION.
- DISCHARGE 1-1/4" PRIMARY CD PIPING TO SINK TAILPIECE WITH FLEXIBLE HOSE CONNECTION.
- P.O.C. NEW 2" SEWER LINE TO EXISTING SEWER LINE BELOW SLAB. FIELD VERIFY EXACT LOCATION PRIOR TO INSTALLATION OF ANY PIPING.



1 REMODEL FLOOR PLAN
 SCALE: 1/8"=1'-0"

Number	Revisions	Date

CONTRACTOR:

ARCHITECT/ENGINEERS:

San Diego
ENGINEERING SERVICES

Drawing Title
 PLUMBING REMODEL FLOOR PLAN

Approved Project Director

Project Title
 BN REMODEL - LOGISTICS SWING SPACE
 VA SAN DIEGO, BUILDING 1

Project Number
 664-13-304

Building Number
 1

Location
 SAN DIEGO, CA

Date
 12.15.2013

Checked
 EM

Drawn
 EM

Drawing Number
 PE-102
 Dwg. 2 of 2

Office of Construction and Facilities Management

Department of Veterans Affairs